



RESOLUTION 05-2021

OF THE VILLAGE OF ASHVILLE



A RESOLUTION AUTHORIZING THE MAYOR AND FISCAL OFFICER TO EXECUTE AN AGREEMENT TO COMPLETE AERIAL MAPPING SURVEY IN THE VILLAGE OF ASHVILLE AND TO EXECUTE CONTRACTS AS REQUIRED.

WHEREAS, the Village of Ashville can execute agreement up to \$50,000, see ORC 731.141 Exhibit A and

WHEREAS, the Village of Ashville Council desires to create an accurate database of information and

WHEREAS, this data base of information can be used for streets, stormwater lines and sanitary lines.

NOW, THEREFORE, be it resolved by the Village of Ashville Council

- 1) That the Village of Ashville Council authorizes the Village Administrator and Fiscal Officer to execute agreements with Dynotec, Exhibit B, for Aerial Mapping and Establish Survey and aerial Controls in the amount of \$46,066 based upon the following itemized Account Names and Numbers:

Description	Account Name	Account Number	Amount
Aerial Mapping	Street Fund	2011-620-590-0000	\$13,166.67
Aerial Mapping	Stormwater Fund	5704-800-590-0000	\$13,166.67
Aerial Mapping	Sanitary Fund	5702-800-590-0000	\$13,166.66
Establish Survey & Aerial Control	Street Fund	2011-620-590-0000	\$2,188.66
Establish Survey & Aerial Control	Stormwater Fund	5704-800-590-0000	\$2,188.67
Establish Survey & Aerial Control	Sanitary Fund	5702-800-590-0000	\$2,188.67
Total			\$46,066.00

Therefore, this resolution will take effect upon passage.

Motion Offered by:

Seconded to the Motion Offered by:

Upon roll call on the adoption of the resolution, the vote was as follow:

Council Member Yes No Council Member Yes No Council Member Yes No Council Member Yes No Council Member Yes No Council Yes No
Roger L. Clark ☐ ☐ Nelson R. Embrey ☐ ☐ Randy S. Loveless ☐ ☐ R. David Rainey ☐ ☐ Tracie N. Sorvillo ☐ ☐ Darryl E. Ward ☐ ☐

PASSED THIS 19th day of April, 2020.

ATTEST:

April D. Grube, Clerk-Fiscal Officer

APPROVED:

Charles K. Wise, Mayor

DATE: _____

DATE: _____

Prepared: 04/13/2021
Revised Date:
Review Date:

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the resolution adopted by the Village of Ashville Council held on 19th day of April 2021, and that I am duly authorized to execute this certificate.

(Original signature of April D. Grube)

Clerk-Fiscal Officer
(TITLE)



Exhibit A

731.141 Village administrator to make contracts and purchases.

In those villages that have established the position of village administrator, as provided by section 735.271 of the Revised Code, the village administrator shall make contracts, purchase supplies and materials, and provide labor for any work under the administrator's supervision involving not more than fifty thousand dollars. When an expenditure, other than the compensation of persons employed by the village, exceeds fifty thousand dollars, the expenditure shall first be authorized and directed by ordinance of the legislative authority of the village. When so authorized and directed, except where the contract is for equipment, services, materials, or supplies to be purchased under division (D) of section 713.23 or section 125.04 or 5513.01 of the Revised Code, available from a qualified nonprofit agency pursuant to sections 4115.31 to 4115.35 of the Revised Code, or required to be purchased from a qualified nonprofit agency under sections 125.60 to 125.6012 of the Revised Code, the village administrator shall make a written contract with the lowest and best bidder after advertisement for not less than two nor more than four consecutive weeks in a newspaper of general circulation within the village or as provided in section 7.16 of the Revised Code. The bids shall be opened and shall be publicly read by the village administrator or a person designated by the village administrator at the time, date, and place as specified in the advertisement to bidders or specifications. The time, date, and place of bid openings may be extended to a later date by the village administrator, provided that written or oral notice of the change shall be given to all persons who have received or requested specifications no later than ninety-six hours prior to the original time and date fixed for the opening. All contracts shall be executed in the name of the village and signed on its behalf by the village administrator and the clerk.

The legislative authority of a village may provide, by ordinance, for central purchasing for all offices, departments, divisions, boards, and commissions of the village, under the direction of the village administrator, who shall make contracts, purchase supplies or materials, and provide labor for any work of the village in the manner provided by this section.

Cite as R.C. § 731.141 Amended by 129th General Assembly File No.141, HB 509, §1, eff. 9/28/2012. Amended by 129th General Assembly File No.28, HB 153, §101.01, eff. 9/29/2011. Effective Date: 09-26-2003; 10-21-2005



DYNOTEC, INC.
2931 E. DUBLIN-GRANVILLE RD
SUITE 200
COLUMBUS, OH 43231
office (614) 880-7320
fax (614) 880-7324
email info@dynotecinc.com
website dynotecinc.com

February 12, 2021

Attn: **Mr. Jamie Gordon**
Project Engineer
Tebbe Civil Engineering, LLC
4700 Lakehurst Court, Suite 135
Dublin, Ohio 43016
Phone: (614) 845-5885
Email: jamie@tebbeccivil.com

Re: **Fee Proposal - Surveying Services - South Metershed Improvements - Ashville, Ohio**

Mr. Gordon,

Dynotec, Inc. (Consultant) is pleased to present the following proposal to provide surveying services for the above referenced project. Below is an explanation of the scope of services we anticipate.

Project Overview

The project objective will be divided into two (2) separate phases. Phase 1 will consist of establishing aerial and site control, completing the aerial survey for the area shown in the below Figure A, and collecting structure information (x, y, z, inverts, pipes sizes, etc) on thirty-five (35) sanitary structures and one-hundred (100) storm structures located within a select area of approximately 45-acres.

Figure A



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Surveying Services
South Metershed Improvements - Ashville, Ohio

With the site and project control established, the conventional field crew(s) will collect property monumentation and evidence of occupation to be used in establishing the existing road right of ways and property lines. At this time the crews will also locate detailed survey data along the streets and alleys, and site improvements as deemed necessary. Once the aerial mapping has been meshed with the detailed survey, a field check / detail survey, including finished floor elevation measurements, will be conducted for each residence and business within the survey limits, to locate any items and make any measurements that were not collected in the roadway survey or aerial survey. Following the detailed field survey, all survey data will be compiled and processed into a single base map in AutoCAD Civil 3D format.

Surveying Services

- Work will be completed under the direction of an Ohio Professional Land Surveyor and will meet the requirements as set forth in Ohio Boundary Surveys, Chapter 4733-37 of the Ohio Administrative Code.
- Horizontal control will be based on the Ohio State Plane Coordinate System, NAD 83, South Zone. Vertical control will be based on the NAVD 88 datum.
- Field located property monumentation, evidence of occupation, and record documents will be utilized to establish the existing road right of way limits and property lines located within survey limits.
- Topographic survey will include aerial mapping, which will be supplemented with a conventional field survey along the roadways and alleys, at various sites of interest as deemed necessary, and at each primary building to measure the finished floor elevation.
- Topographical survey shall include but is not limited to the following: back of curbs, edge of pavement lines, sidewalks, driveways (including materials), ADA ramps and detectable warning, all trees (location and diameter at chest level), traffic control signs, pavement markings, road right of way, property lines, building corners and finished floor elevations, fence lines, control points, benchmarks, and right of way encroachments, elevations points for all roadway and alley cross-sections, including sidewalk edges, top of curb, flow line, edge of pavement, pavement at center point of returns, lane lines, center line of street and crosswalks, cross section elevations every 50-feet and at grade deflections, drainage structures, manhole frames, mid-radius points, etc.
- Locate utilities marked by Ohio 811 services and supplemented by record plans received by Ohio 811 utility members.
- Utility survey shall include the following all visible public and private utility structures, including structure type, top of casting, inverts, and pipe sizes.
- Orthographic Image will be provided as part of aerial survey services.
- A maximum of six (6) permanent benchmarks will be set on site, as coordinated with the engineer.
- Deliverable will consist of the following:
 - AutoCAD (.dwg) format base file
 - AutoCAD Civil 3D surface file of the existing topography and features
 - All AutoCAD point data, corresponding elevations, coordinates, and descriptions
 - Copies of all field notes and survey logs
 - All received utility contacts and record plans
 - Benchmark descriptions with data sheets and photographs

Fee Schedule
Dynotec, Inc. will be compensated on a lump sum basis at the agreed upon fee amount.

Surveying Services

Phase 1

Aerial mapping (provided by sub-consultants)	= \$ 39,500.00
Establish Survey and Aerial Control	= \$ 6,566.00
Sewer Structure Inverts	= \$ 7,337.00

Phase 2

Detailed Field Survey w/ finished floor elevations	= \$ 80,717.00
Total	= \$ 134,120.00

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Surveying Services

Phase 1

Aerial mapping (provided by sub-consultants)	= \$ 39,500.00
Establish Survey and Aerial Control	= \$ 6,566.00
Sewer Structure Inverts	= \$ 7,337.00

Phase 2

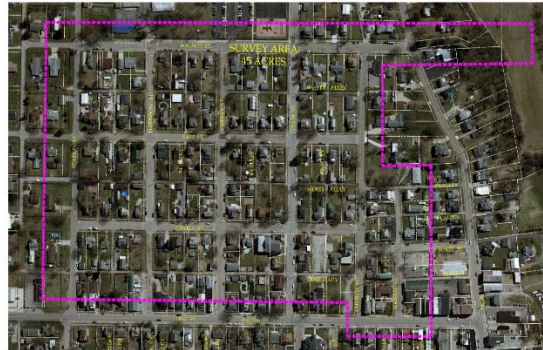
Detailed Field Survey w/ finished floor elevations	= \$ 80,717.00
Total	= \$ 134,120.00

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February 12, 2021

Surveying Services
South Metershed Improvements - Ashville, Ohio

Phase 2 will consist of completing a comprehensive land survey for the above mentioned approximately 45-acre area bounded by Station Street E. to the north, a point approximately 300-feet south of E. Main Street to the south, Long Street to the west, and Walnut Street to the east, and as shown in the below Figure B. (Aerial base mapping will extend to the east to Viking Way.)

Figure B



Comments and Considerations

Proposal is based on the information received via email on Thursday, January 21, 2021, and discussed on Friday, January 22, 2021.

Survey limits include approximately 22,700 linear feet of roadway and alleys, 240 parcels, and 150 primary buildings encompassed within an estimated area of 45-acres.

Scope of Services

We anticipate the scope of services to be as detailed below. Items not required by Client may be deleted from the proposal without affecting the remaining fixed price items.

Survey Approach

Our approach for this project is to set all primary survey control and aerial control, as directed by the aerial mapping firm, early in the survey process. This will allow the aerial mapping to be completed early in the process as well as all of the site and local control to be tied together. At this time the sanitary and storm structures will be located and invert measurements collected. Once the aerial survey has been completed and the sewer structures located and measured, the 2nd Phase will be ready to begin at the direction of the engineer.

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Surveying Services
South Metershed Improvements – Ashville, Ohio

DYNOTEC KEY SURVEY PERSONNEL



CHRISTOPHER M. COOK PS, PLS

Survey Department Manager

Chris has more than 20 years of experience in surveying and management. He is also registered as professional surveyor in 6 states including Ohio and Pennsylvania, as well as an ODOT-prequalified Right of Way Plan Reviewer. Chris is responsible for overall management and growth of the survey department. Chris has direct involvement and experience in oil and gas, electric transmission, right of way plan development, private and commercial site development, and ALTA surveys. His extensive boundary surveying experience includes a wide variety of locations throughout Ohio, Pennsylvania, Kentucky, West Virginia, Michigan, and Louisiana.



Education: B.S. Geomatics Engineering, The Ohio State University **Years of Experience:** Dynotec, Inc. – July 2019. ; Other Firms – 21 **Registration:** PS – Ohio (#8424), Kentucky (#4078), Michigan (#4001061925), Wisconsin (#3103-8), West Virginia (#2354), Pennsylvania (#075554) **Certifications:** ODOT Prequalified, Right of Way Reviewer; ODOT Right of Way Plan Development Training Course (2018); OSHA-10 Safety Certification; GWI-RWP Safety Certified
Associations: Professional Land Surveyors of Ohio



JEFF JONES

Senior Surveyor, Safety Director

Mr. Jones has more than 40 years of experience in surveying, traffic counting and drafting. His surveying experience includes a thorough knowledge of modern surveying equipment including GPS, Robotic and conventional data collection. He is familiar with field operations of survey equipment and Data Collectors and the associated software including Civil 3D and AutoCAD. Mr. Jones also has experience with traffic studies (manual and tube counts), including preparation of traffic data reports. He is in charge of the planning and coordination of field crews and their production/data collection.



Education: Drafting & Design, Eastland Career Center **Years of Experience:** Dynotec, Inc. – 11; Other Firms – 30
Training/Certifications: Surveying, LSS Legal Seminar; OSHA 30 hr Construction Training Program; OSHA Confined Space (GI/C); ODOT – Right-of-Way Plan & Development



NATHAN PATRONSKY

Senior Surveyor, Field Investigations, CAD Technician

Nathan provides 27 years of experience in the fields of civil engineering, construction and inspection, and surveying. He started his career as a roadway/bridge inspector for Ohio Turnpike and ODOT projects, as well as testing construction materials. His extensive surveying experience has encompassed ALTA/ACSM, boundary, mortgage, topographic, construction, grade separation, and utility surveys for private and public sector clients (city, county, state, universities, utility companies, and commercial developers).



Education: Individualized Course Study (Survey and Civil Engineering), University of Toledo (1991-93); Associate Degree, Applied Science, Civil Engineering Technologies, Columbus State Community College (1990) **Years of Experience:** Dynotec, Inc. – 2; Other Firms – 25 **Training/Certifications:** Right-of-Way Plan Development; ADA Ramp Design; Confined Space Training; Records Research; ODOT Standards, Specifications and Plans; Bridge and Roadway Design; Materials Testing (ASTM); AutoCAD, Autodesk, Civil 3D, TDS Software

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Exclusions

The following items will be exclusions are listed to help clarify the scope of services. Items not listed may not necessarily be listed in the scope of services.

- Surveying and Engineering services not listed in the above scope of services.

Obligations of Client

The scope of services and the fees quoted in the proposal are based upon the assumption that the Client will:

- Authorize Dynotec, Inc. necessary access to the site to conduct work.
- Provide Dynotec with the appropriate Title Commitment and documents.
- Establish a realistic and mutually agreed upon schedule for the project, allowing for unforeseen contingencies as a potential condition of the survey.
- Promptly notify Dynotec, Inc. of any changes in scope that will affect our work.

Acceptance

Please sign the bottom and return a copy of this proposal to our office. The signed copy will serve as our agreement for services unless the scope of the project and / or the scope of services are changed and agreed to in writing. Authorization by Client to proceed, whether oral or written, constitutes acceptance of the terms and conditions of this Agreement, without modification, addition, or deletion. If not notified to the contrary, we will proceed to provide services under this proposal.

Thank you for the opportunity to submit this proposal.

Respectfully,

Christopher Cook, P.S.
Survey Department Manager

Client Approval

Please sign and return a copy of the proposal to our office.

Accepted on behalf of Client by: _____ Date: _____
(Signature)

(Print Name)